User's Manual

ZALMAN

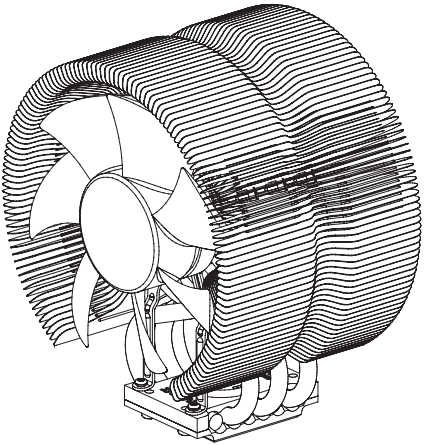
CNPS9700 NT

Intel Socket 1155/1156/775 CPU

- Core i7
- Core i5
- Core i3
- Core 2 Quad
- Core 2 Duo
- Pentium Dual Core
- Pentium D
- Pentium 4
- Celeron D

AMD Socket AM3/AM2+/AM2/754/939/940 CPU

- Phenom II
- Phenom
- Athlon II
- Athlon X2
- Athlon FX
- Athlon
- Opteron
- Dual-Core Opteron
- Sempron



To ensure safe and easy installation,
please read the following precautions.

www.ZALMAN.com

1. Precautions

1) Use and keep product away from reach of children and pets.
2) Do not ingest the Thermal Grease, and avoid its contact with skin and eyes. If contact is made with skin, wash off with water. If ingested or irritation persists, seek medical attention.
3) To prevent possible injuries, gloves must be worn while handling this product.
4) Excessive force exerted on the fan may cause damage to the fan and/or system.
5) Avoid inserting objects or hands into the fan while it is in operation to prevent product damage and injuries.
6) Check the components list and condition of the product before installation. If any problem is found, contact the retailer to obtain a replacement.
7) Zalman Tech Co., Ltd. is not responsible for any damages due to overclocking.
8) During transportation of the system, the cooler must be removed. Zalman is not responsible for any damages that occur during the transport of a system.
9) Product design and specifications may be revised to improve quality and performance.

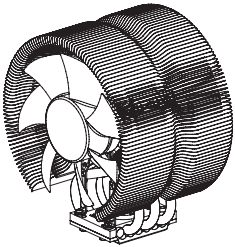
Disclaimer) Zalman Tech Co., Ltd. is not responsible for any damages due to external causes, including but not limited to, improper use, problems with electrical power, accident, neglect, alteration, repair, improper installation, or improper testing.

2. Specifications

Spec. \ Model		CNPS9700 NT
Material		Pure Copper and Aluminum
Weight		764g
Dimensions		90(L) X 124(W) X 142(H)㎜
Fan	Bearing-Type	2 Ball-Bearing
	RPM	1,250rpm ± 30% ~ 2,800rpm ± 10%
	Noise Level	19.5 ~ 35dBA ± 10%
	Key Functions	PWM Control, Auto Restart
ZM-STG1	Net Weight	3.5g
	Temp Range	-40 ~ 150℃ (-40 ~ 302℉)

3. Components

1) Common Components

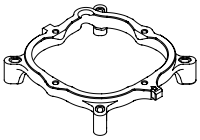


Cooler

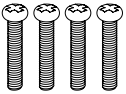
Thermal Grease
[ZM-STG1]

User's Manual

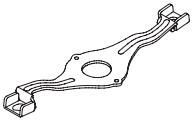
2) Intel Components



Clip Support



Clip Support Fixing Bolts



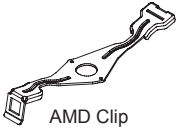
Intel Clip

Washers

Nuts

Clip Fixing Bolts

3) AMD Components



AMD Clip

AMD Clip Lever

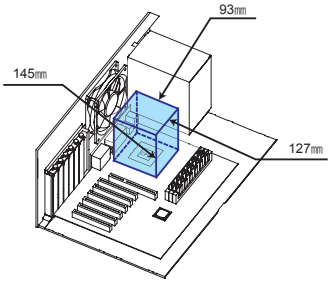
4. Installation Requirements

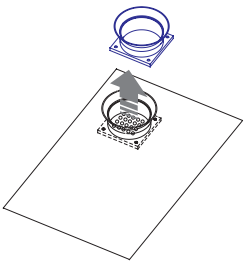
1) Space Requirements

The cooler's installation requires unobstructed space with dimensions of 127㎜ (width), 93㎜(length), 145㎜(height), and the CPU as a central reference point. Please check if components such as ODDs and PSU protrude into the required space.

2) Air Guide Removal

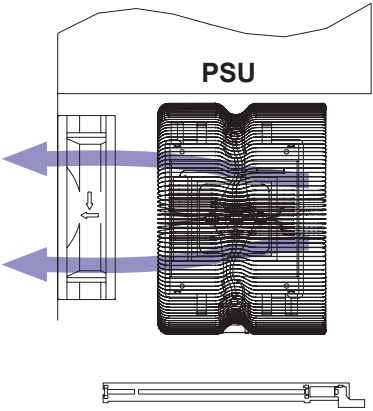
Air guides on enclosures must be removed, before the cooler's installation, for they protrude into the cooler's required space.





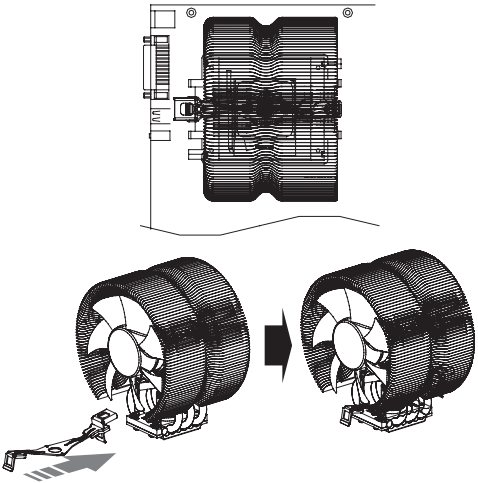
3) Cooler Orientation

It is recommended that the cooler be installed so that air flows from the cooler toward the enclosure's rear exhaust fan.

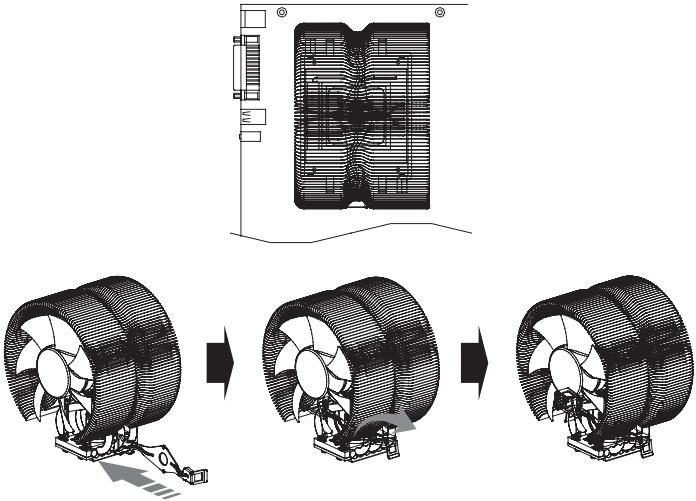


4) Installation Based On Clip Orientation

A. Horizontal Clip Orientation



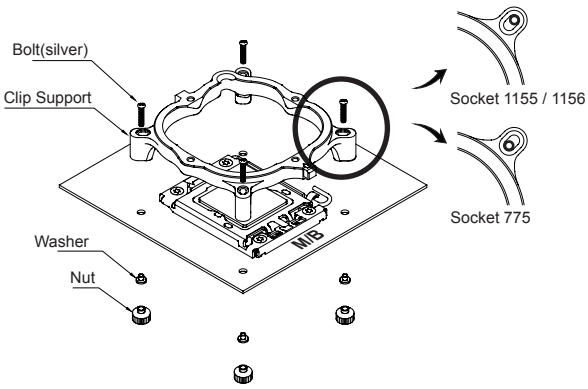
B. Vertical Clip Orientation

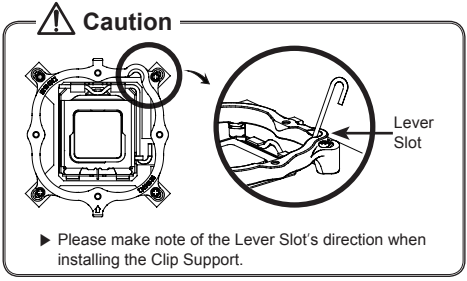


5. Installation

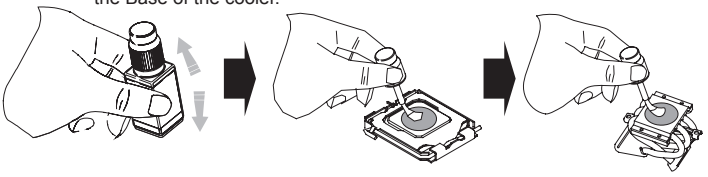
1) Intel Socket 1155 / 1156 / 775 Installation

① Install the Clip Support to the motherboard according to the socket-type.

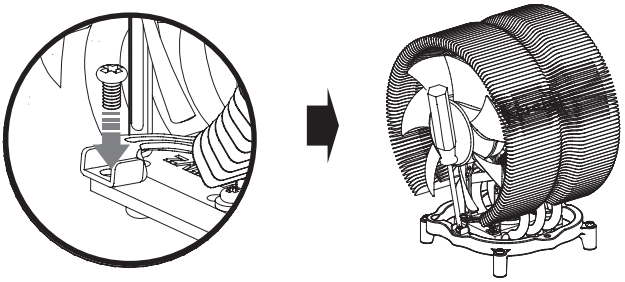




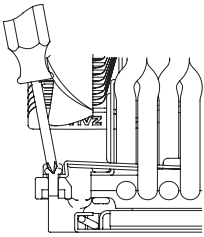
② Remove any foreign particles from the Base of the the cooler and the surface of the CPU, then shake well the enclosed thermal grease and apply a through layer of thermal grease on the surface of the CPU and the Base of the cooler.



③ Insert a Bolt into both ends of the Intel Clip, then screw each Bolt a little at a time, alternating between each Bolt, until the Clip is fully installed.

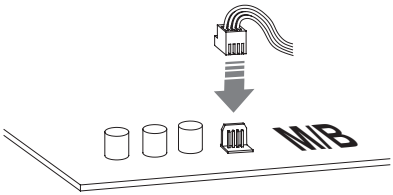


⚠ Caution



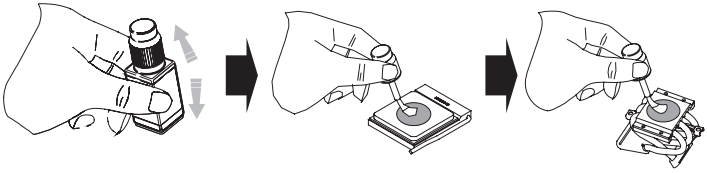
▶ For installations with horizontal Clip orientation, please be cautious to not exert excessive force on the fan while using a screwdrivers to install the Clip.

④ Connect the Fan Connector to the motherboard's PWM fan header(4-Pin).

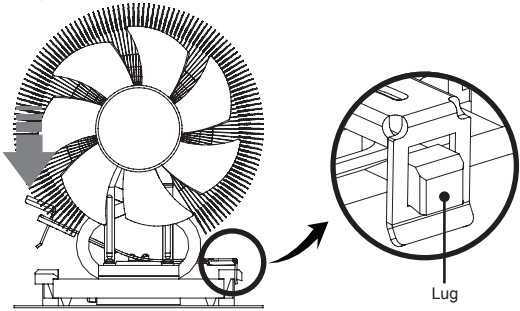


2) AMD Socket AM3 / AM2+ / AM2 / 754 / 939 / 940 Installation

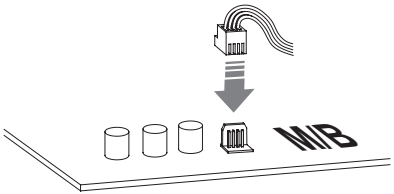
① Remove any foreign particles from the Base of the the cooler and the surface of the CPU, then shake well the enclosed thermal grease and apply a through layer of thermal grease on the surface of the CPU and the Base of the cooler.



② Insert the AMD Clip Lever into the AMD Clip's Clip Lever Slot, then hook the opposite end on its Lug, press down on the Clip Lever and hook it onto its Lug.



③ Connect the Fan Connector to the motherboard's PWM fan header(4-Pin).



GS1000 / GS1000SE

- E-ATX / Standard ATX / microATX Compatible
  * Supports Intel Dual Xeon server motherboards
- UP to 6 Hot Swap HDD Bays
  * GS1000(3 Standard / 3 Optional)
  * GS1000 SE(Optional)
- Tool-Free HDD Installation
- Airflow Optimized Design
- Vibration Absorbing HDD Dampers and Feet
- The World's First Roller Rails for Smooth & Easy PSU Installation
- Cable Compartment Behind the Motherboard for Cable Management
- Dedicated Fan Compartment for Fanless PSU Users
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  * 2 Adaptors & Bezels included for use of two 5.25″ bays as 3.5″ Internal(HDD)/ External(FDD) Bays

GT1000

- High-End Gaming Enclosure Built with Sturdy All Aluminum Panels
- Three Tool-Free Hinged Magnetic Panels (2 Left, 1 Right) for Easy Installation and Access to Components
- Tool-Free Installation of Disk Drives, Fan Controlles, Audio Interfaces etc.
- Accommodates up to 6 Hard Drives
- Luxurious and Cool Aesthetics.
- Color Option: Black (Red LED Fans), Titanium (Blue LED Panel).

For more information, please visit our website.